

HAER  
UTAH  
18-SALL  
2-

# HISTORIC AMERICAN ENGINEERING RECORD

## MASTER PROJECT RECORD

### HAER UT-1

Mormon Tabernacle, 1864-67

Church of Jesus Christ of the Later Day Saints,

Salt Lake City

Salt Lake County

Utah

NOTE: unless noted otherwise, all photographs were taken by  
Jack E. Boucher in August, 1971.

- UT-1-1 General view of Mormon Tabernacle from the southeast.
- UT 1-2 Detail view from southeast
- UT-1-3 General view of interior from east to west
- UT-1-4 Detail shot of organ from southeast
- UT-1-5 General view of wooden roof trusses, south side, view is looking down; note pegs and rawhide joint.
- UT-1-6 Detail of wood roof trusses showing wood pegs, rawhide ties.
- UT-1-7 Detail cross-section of wooden support for balcony columns revealing construction.
- UT-1-8 Detail of wooden roof truss construction
- UT-1-9 Detail of wood truss roof construction showing wedges used in cross bracing.
- UT-1-10 Detail of wood roof trusses showing typical rawhide binding
- UT-1-11 Detail of log beam in cellar
- UT-1-12 Detail of double floor, main floor.
- UT-1-13 Detail close-up view of wooden peg fastenings; note lapped joint fastened with iron bolts using washers fashioned from oxen shoes.
- UT-1-14 Close-up showing typical rawhide fastenings and oxen-shoe washer under bolt heads.
- UT-1-15 Photocopy of line drawing from Scientific American, 6-8-67, pg. 364, showing tabernacle under construction.

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INDEX TO PHOTOGRAPHS

Addendum to:

SALT LAKE CITY TABERNACLE  
(Church of Jesus Christ  
of Latter-Day Saints)  
Temple Square  
Salt Lake City  
Salt Lake County  
Utah

HAER No. UT-1

Photographs UT-1-1 through UT-1-23 were previously transmitted to the Library. This is Index to Photographs page 2.

Photographs by Perry E. Borchers of the Ohio State University, 1971.

UT-1-24	INTERIOR: FROM ORGAN TO REAR--LEVEL Copy photograph of photogrammetric plate LC-HAER-GS05-B-1971-1201L.
UT-1-25	INTERIOR: FROM ORGAN TO REAR--INCLINED, CONVERGING Copy photograph of photogrammetric plate LC-HAER-GS05-B-1971-1202LC.
UT-1-26	INTERIOR: FROM REAR TOWARDS ORGAN--LEVEL Copy photograph of photogrammetric plate LC-HAER-GS05-B-1971-1203L.
UT-1-27	INTERIOR: REAR TOWARDS ORGAN--INCLINED, CONVERGING Copy photograph of photogrammetric plate LC-HAER-GS05-B-1971-1204LC.
UT-1-28	INTERIOR: REAR TOWARDS ORGAN--INCLINED, CONVERGING Copy photograph of photogrammetric plate LC-HAER-GS05-B-1971-1204RC.
UT-1-29	INTERIOR: UNDER LEFT BALCONY, LOOKING TOWARDS FRONT--LEVEL Copy photograph of photogrammetric plate LC-HAER-GS05-B-1971-1205LC.